

Patent Assignment Abstract of Title

Total Assignments: 1**Application #:** 09685008 **Filing Dt:** 10/06/2000**Patent #:** NONE**Issue Dt:****PCT #:** NONE**Publication #:** NONE**Pub Dt:****Inventors:** Shingo Nozawa, Toshiaki Kondo**Title:** Image encoding method and apparatus**Assignment: 1**

| Reel/Frame: | Received: | Recorded: | Mailed: | Pages: |
|--------------------|------------------|------------------|----------------|---------------|
| 011545/0166 | 03/06/2001 | 02/20/2001 | 05/09/2001 | 3 |

Conveyance: ASSIGNMENT OF ASSIGNEES INTEREST (SEE DOCUMENT FOR DETAILS).**Assignors:** NOZAWA, SHINGO**Exec Dt:** 01/19/2001KONDO, TOSHIAKI**Exec Dt:** 02/05/2001**Assignee:** CANON KABUSHIKI KAISHA

30-2, SHIMOMARUKO 3-CHOME, OHTA-KU

TOKYO, JAPAN

Correspondent: EDWARD A. KMETT

FITZPATRICK, CELLA, HARPER & SCINTO

30 ROCKEFELLER PLAZA

NEW YORK, NEW YORK 10112-3801

Search Results as of: 3/1/2004 9:20:47 A.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723
Web interface last modified: Oct. 5, 2002

| L Number | Hits | Search Text | DB | Time stamp |
|----------|---------|---|---|------------------|
| 25 | 4 | ("4853775" "5768404" "5796434" "5894526").PN. | USPAT | 2004/03/01 10:30 |
| 26 | 0 | 6160901.URPN. | USPAT | 2004/03/01 10:30 |
| 27 | 6 | ("4232338" "4496972" "4677476" "4710809" "4710812" "4769826").PN. | USPAT | 2004/03/01 10:39 |
| 28 | 25 | 4853775.URPN. | USPAT | 2004/03/01 10:39 |
| 31 | 14076 | (motion or moving) near2 (object or area or region or pixel) with detect\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 13:46 |
| 32 | 1538 | inter adj1 field or interfield | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 10:44 |
| 33 | 195 | ((motion or moving) near2 (object or area or region or pixel) with detect\$4) and (inter adj1 field or interfield) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 10:45 |
| 34 | 48 | ((motion or moving) near2 (object or area or region or pixel) with detect\$4) same (inter adj1 field or interfield) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 10:52 |
| 35 | 3053297 | vertical\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 11:54 |
| 37 | 171 | vertical\$4 and (((motion or moving) near2 (object or area or region or pixel) with detect\$4) and (inter adj1 field or interfield)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 10:53 |
| 36 | 38 | vertical\$4 and (((motion or moving) near2 (object or area or region or pixel) with detect\$4) same (inter adj1 field or interfield)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 11:07 |
| 38 | 61156 | line near2 delay | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 11:07 |
| 40 | 53 | (line near2 delay) and (vertical\$4 and (((motion or moving) near2 (object or area or region or pixel) with detect\$4) and (inter adj1 field or interfield))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 11:07 |

| | | | | |
|----|-------|--|--|------------------|
| 39 | 11 | (line near2 delay) and (vertical\$4 and (((motion or moving) near2 (object or area or region or pixel) with detect\$4) same (inter adj1 field or interfield))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 11:07 |
| 41 | 5 | ("4608594" "4612567" "4672445" "4868650" "5005078").PN. | USPAT | 2004/03/01 11:49 |
| 42 | 108 | (motion or moving) near2 (object or pixel) with detect\$4 same ((inter adj1 field or interfield) or interlac\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 11:54 |
| 43 | 41664 | Compar\$4 with vertical\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 11:55 |
| 45 | 5269 | Compar\$4 with interpolat\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 11:56 |
| 46 | 24 | ((motion or moving) near2 (object or pixel) with detect\$4 same ((inter adj1 field or interfield) or interlac\$4)) and (Compar\$4 with interpolat\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 11:56 |
| 44 | 27 | ((motion or moving) near2 (object or pixel) with detect\$4 same ((inter adj1 field or interfield) or interlac\$4)) and (Compar\$4 with vertical\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:08 |
| 47 | 92 | ("3832487" "4272787" "4298888" "4322750" "4386367" "4400719" "4435728" "4531152" "4551753" "4620225" "4635114" "4641188" "4651211" "4652909" "4661850" "4692801" "4698675" "4709277" "4713688" "4733299" "4864398" "4897716" "4924306" "4933759" "4935816" "4937668" "4941045" "4959715" "4967271" "4979020" "4985767" "4998167" "4998287" "5019904" "5023713" "5043810" "5081532" "5115311" "5128747" "5134480" "5136380" "5138449" "5146329" "5153719" "5157490" "5174641" "5177615" "5191413" "5191427" "5204745" "5221966" "5227879" "5235417" "5255091" "5267035" "5303045" "5315327" "5317398" "5329317" "5337154" "5365273" "5365280" "5386237" "5398071" "5406333" "5428399" "5430488" "5446497" "5452011" "5455628" "5461420" "5469217" "5473381" "5475435" "5485216" "5485280" "5497199" "5502489" "5508750" "5517247" "5517248" "5534935" "5550592" "5563651" "5563660" "5565998" "5596371" "5606373" "5610662" "5621470" "5631706" "5734419").PN. "5291820" | USPAT | 2004/03/01 13:27 |
| 49 | 5 | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 13:30 |

| | | | | |
|----|-------|--|--|------------------|
| 48 | 48 | "4982282" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 13:30 |
| 50 | 43 | "5291280" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 13:31 |
| 51 | 7253 | (motion or moving) near2 (object or pixel) near3 detect\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 13:46 |
| 52 | 2172 | vertical\$4 with averag\$4 with line | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:09 |
| 53 | 41985 | difference with threshold | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:09 |
| 54 | 11 | (vertical\$4 with averag\$4 with line) same (difference with threshold) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:10 |
| 56 | 22476 | motion near1 detect\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:11 |
| 57 | 3 | (motion near1 detect\$4) and ((vertical\$4 with averag\$4 with line) same (difference with threshold)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:14 |
| 59 | 312 | (motion near1 detect\$4) same (difference with threshold) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:14 |
| 58 | 22 | (motion near1 detect\$4) same (vertical\$4 with averag\$4 with line) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:31 |

| | | | | |
|----|-----|--|--|------------------|
| 60 | 407 | compar\$4 with (vertical\$4 near2 (neighbor\$4 or adjacent\$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:33 |
| 61 | 17 | (motion near1 detect\$4) and (compar\$4 with (vertical\$4 near2 (neighbor\$4 or adjacent\$4))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:50 |
| 62 | 14 | ((motion or moving) near2 (object or area or region or pixel) with detect\$4) and (compar\$4 with (vertical\$4 near2 (neighbor\$4 or adjacent\$4))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB; USOCR | 2004/03/01 14:50 |